

\* Amateur Radio is a valuable resource that must be protected. While technology changes, amateur radio too changes but it still provides a basic structure for communications, be it voice or digital. It has the ability for short range local communication and long range communications. Increased spectrum noise will make both of these efforts more difficult to impossible.

\* In civil emergency situations, ham radio operators volunteer hundreds of hours of time and thousands of dollars of equipment to assist local authorities with any type of communications needs. Any steps or regulation changes which would make communications difficult or impossible would place the public at risk due to loss of communication capability in the event of a disaster.

\* The present FCC Part 15 limits for this technology already can result in substantial interference potential to amateur frequencies. Based on readily available information, it does appear that the use of power lines for data distribution will cause an increase in radiated noise and detrimental effects on the present HF amateur radio spectrum. Additionally, with the present level of power line noise complaints being filed, it appears that the electric power companies do not have the resources or interests to take corrective measures. I fear that with BPL/PLC operations allowed to be permitted, a host of un-controlled and un-managed conditions would exist.

\* BPL systems to date are proven to radiate on wide swaths of spectrum and occupy entire neighborhoods and have greater interference potential than localized systems, such as switching power supplies or electric motors.

\* The FCC has promised to protect licensed users of the spectrum. The amateur radio community is a licensed user of the spectrum, largely self regulated. I have great concerns and fears that allowing BPL/PLC system to operate will allow power utilities to disregard the FCC rulings and further, in face of the FCC's ability to control interference.

In conclusion as a ham radio operator, I do not want regulations passed or changed that will allow BPL/PLC to exist to such extent as to cause any increase in radiated interference.

Respectfully

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